

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

1. (Currently Amended) An audio device control device for controlling an audio device for reproducing music comprising:

music specification information storing means which stores specification information for specifying the music in advance;

constant storing means which stores a phrase and a predetermined constant in association with one another in advance;

speech recognition means which acquires speech data representing a speech, and specifies a candidate for a phrase ~~represented by~~ included in said speech by performing speech recognition on said speech data, and calculates likelihood for each of the candidate of the specified phrase;

operational status information acquisition means which acquires operational status information indicating an operational status of [an] the audio device to be controlled; and

audio device control means which calculates a parameter for specifying music based on the predetermined constant corresponding to the phrase specified by the speech recognition means and the likelihood calculated by the speech recognition means, specifies music reproduced by the audio device ~~a use mode of said audio device desired by an utterer of said speech, based on the candidate specified by said speech recognition means, and an operation to be applied to said audio device to realize said use mode,~~ based on the operational status information acquired by said operational status information acquisition means and on the calculated parameter; and controls said audio device for reproducing the specified music ~~to apply the specified operation.~~

2. (Currently Amended) ~~An~~The audio device control device according to claim 1, further comprising:

environmental information acquisition means which acquires environmental data indicating environmental circumstances in which an external audio device is employed; and

wherein the audio device control means specifies music reproduced by the audio device based on the environmental data acquired by the environmental information acquisition means.

~~speech recognition means which acquires speech data representing a speech, and specifies a candidate for a phrase represented by said speech by performing speech recognition on said speech data; and~~

~~audio device control means which specifies a use mode of an external audio device desired by an utterer of said speech, and an operation to be applied to said audio device to realize said use mode, based on the candidate specified by said speech recognition means, and environmental data indicating a circumstance of an environment under which said audio device is used, and/or operational status data indicating an operational status of said audio device, and controls said audio device to apply the specified operation.~~

3. (Currently Amended) ~~An~~The audio device control device according to claim 1, further comprising:

~~speech recognition means which acquires speech data representing a speech, and specifies a candidate for a phrase represented by said speech by performing speech recognition on said speech data;~~

~~utterer specification means which specifies an utterer of said speech or an attribute of the utterer based on said speech data~~ acquired by the speech recognition means; and

wherein the audio device control means specifies music reproduced by the audio device based on the utterer or on the attribute of the utterer both specified by the utterer specification means.

~~audio device control means which specifies a use mode of an external audio device desired by the utterer of said speech, and an operation to be applied to said audio device to realize said use mode, based on the candidate specified by said speech recognition means, the utterer or the attribute thereof specified by said utterer specification means, and environmental data indicating a circumstance of an environment under which said audio device is used, and/or operational status data indicating an operational status of said audio device, and controls said audio device to apply the specified operation.~~

4. (Currently Amended) The audio device control device according to claim 2, wherein said environmental data comprises data indicating a current location of the audio device~~environment under which said audio device is used~~, or data indicating a sound insulation circumstance of the environment under which said audio device is used.

5. (Canceled)

6. (Currently Amended) An audio device control method for controlling an audio device reproducing music, comprising:

a speech recognition step of acquiring speech data representing a speech, and specifying a candidate for a phrase included in ~~represented by~~ said speech by performing speech recognition on said speech data, and calculating likelihood for each of the candidate of the specified phrase;

an operational status acquisition step of acquiring an operational status of an audio device to be controlled; and

an audio device control step of calculating a parameter for specifying music based on a predetermined constant corresponding to the phrase specified the speech recognition step in advance and on the likelihood calculated by the speech recognition means, specifying music reproduced by the audio device based on the operational status acquired by the operational status information acquisition step and on the calculated parameter, ~~a use mode of said audio device desired by an utterer of said speech, based on the candidate specified by said speech recognition step, and an operation to be applied to said audio device to realize said use mode, based on the operational status acquired by said operational status acquisition step~~, and controlling said audio device in such a way as to reproduce the specified music to apply the specified operation.

7. (Canceled)

8. (Canceled)

9. (Currently Amended) A computer-readable recording medium storing a computer program that allows a computer for controlling an audio device for reproducing music to execute:

a speech recognition step of acquiring speech data representing a speech, and specifying a candidate for a phrase included in~~represented by~~ said speech by performing speech recognition on said speech data, and calculating likelihood for each of the candidate of the specified phrase;

an operational status acquisition step of acquiring an operational status of an audio device to be controlled; and

an audio device control step of calculating a parameter for specifying music based on a predetermined constant corresponding to the phrase specified by the speech recognition step in advance and on the likelihood calculated by the speech recognition means, specifying music reproduced by the audio device based on the operational status acquired by the operational status information acquisition step and on the calculated parameter,~~a use mode of said audio device desired by an utterer of said speech, based on the candidate specified by said speech recognition step, and an operation to be applied to said audio device to realize said use mode, based on the operational status acquired by said operational status acquisition step,~~ and controlling said audio device in such a way as to reproduce the specified music~~to apply the specified operation.~~

10. (Canceled)

11. (Canceled)

12. (New) The audio device control device according to claim 1,
wherein the audio device control means calculates the parameter represented by product given by the predetermined constant multiplied by the likelihood and specifies music reproduced by the audio device based on the phrase candidate corresponding to the largest parameter.

13. (New) The audio device control device according to claim 1,

wherein the audio device includes a plurality of reproduction means for reproducing music; and

the audio device control means specifies music reproduced by the audio device based on the operational status indicating as to which reproduction means of the plurality of reproduction means is employed by the audio device for present reproduction.

14. (New) The audio device control device according to claim 1, comprising:
the music discrimination information storing means which stores discrimination information for discriminating the music and at least one of music title and artist title in association with one another; and

the audio device control means specifies music title or artist title including a phrase specified by the speech recognition means and controls the audio device in such a way as to reproduce music corresponding to the specified music title or the specified artist title.

15. (New) The audio device control device according to claim 2, further comprising:

map storing means which stores map information in advance; and
location acquisition means which acquires current location of the audio device,
wherein the music discrimination information storing means stores specification information for specifying the music and geographical characteristics in association with one another; and

the audio device control means acquires the environmental data indicating geographical characteristics of the current location based on the stored map information and the acquired current location, and specifies music indicated by specification information corresponding to the acquired geographical characteristics as music reproduced by the audio device.

16. (New) The audio device control device according to claim 2, further comprising:

time acquisition means for acquiring the current time; and

wherein the music discrimination information storing means stores discrimination information for discrimination the music and time characteristics with corresponding to with respect to one another; and

the audio device control means acquires the environmental data indicating time characteristics including the current time, and specifies music indicated by specification information corresponding to the acquired time characteristics as music reproduced by the audio device.

17. (New) The audio device control device according to claim 3,

wherein the music discrimination information storing means stores history information indicating history of music reproduced by the audio device and user information specifying a user with corresponding to with respect one another; and

the audio device control means specifies music reproduced by the audio device based on history information corresponding to the utterer or an attribute of the utterer both specified by the utterer specification means.

18. (New) The audio device control device according to claim 3,

wherein the history information which includes at least one of the genre of the reproduced music, the artist of the reproduced music, and the date of the reproduced music.